



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D5529-1**Job Sheet 188745****Part No:** D5529-1**Job Qty:** 25 pcs**Part Name:** Double Ear Clamp**Part Weight:** 0 lbs**Status:** New**Priority:** Medium**Job Created:** 1/15/19**Job Tracking No:****Due Date:** 1/18/19**Created By:** Chantal Lavoie**Type:** Stock**Description:****Note:** DWG REV A IPP REV:A 17.04.25 NEW ISSUE DD VERF:JFS**Ship Via:****Bill of Materials****Job Routing**

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Purchasing	25 pcs	1/18/19	1/18/19	0.00	0.00	Purchasing - 1		JAN 15 2019
							Purchasing - 2		
							Purchasing - 3		
110	Packaging 2-1 - Receive - B4B	25 pcs	1/18/19	1/18/19	0.00	0.00	Packaging 2 - 1 - B4B		JAN 15 2019
							Packaging 2 - 2 - B4B		
							Packaging 2 - 3 - B4B		
							Packaging 2 - 5 - B4B		
							Packaging 2 - 4 - B4B		
							Packaging 2 - 6 - B4B		
							Packaging 2 - 7 - B4B		
							Packaging 2 - 8 - B4B		
							Packaging 2 - 9 - B4B		
							Packaging 2 - 10 - B4B		
							Packaging 2 - 11 - B4B		
							Packaging 2 - 12 - B4B		
							Packaging 2 - 13 - B4B		
							Packaging 2 - 14 - B4B		
							Packaging 2 - 15 - B4B		
							Packaging 2 - 16 - B4B		
							Packaging 2 - 17 - B4B		
							Packaging 2 - 18 - B4B		
							Packaging 2 - 19 - B4B		
							Packaging 2 - 20 - B4B		
							Packaging 2 - 21 - B4B		
							Packaging 2 - 22 - B4B		
							Packaging 2 - 23 - B4B		
							Packaging 2 - 24 - B4B		
							Packaging 2 - 25 - B4B		
							Packaging 2 - 26 - B4B		
							Packaging 2 - 27 - B4B		
							Packaging 2 - 28 - B4B		

**Container No:** S144866**Part:** D5529 - 1**Job No:** 188745**Serial No/Batch:** S144866**Revision:****Inspector:****Exp Date:****Instructions:** Various STC's

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 01/15/19

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				Packaging 2 - 29 - B4B	
				Packaging 2 - 30 - B4B	
				Packaging 2 - 31 - B4B	
				Packaging 2 - 32 - B4B	
				Packaging 2 - 33 - B4B	
				Packaging 2 - 34 - B4B	
				Packaging 2 - 35 - B4B	
				Packaging 2 - 36 - B4B	DAS
120 QC 6	25 pcs	1/18/19	0.00 0.00	QC 6 - 38	38
				QC 6 - 42	38
				QC 6 - 9	
				QC 6 - 68	
				QC 6 - 61	
130 Packaging 3-1 - Stock - B4B	25 pcs	1/18/19	0.00 0.00	Packaging 3 - 1 - B4B	5167
				Packaging 3 - 2 - B4B	JAN 17 2019
				Packaging 3 - 3 - B4B	
				Packaging 3 - 4 - B4B	
				Packaging 3 - 5 - B4B	
				Packaging 3 - 6 - B4B	
				Packaging 3 - 7 - B4B	
				Packaging 3 - 8 - B4B	
				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	DAS
140 QC 21 - SA	25 pcs	1/18/19	0.00 0.00	QC 21 - SA - 21	21
				QC 21 - SA - 70	21

Part Op 110 - Receive & Inspect for Damage & Mat'l Certs
 Descriptions: 120 - QC6- All purchased or subcontracted products
 130 - Identify as per dwg & Stock Location:
 140 - QC21- Final Inspection - Work Order Release

CL

JAN 15 2019

P/O: 038564

x25

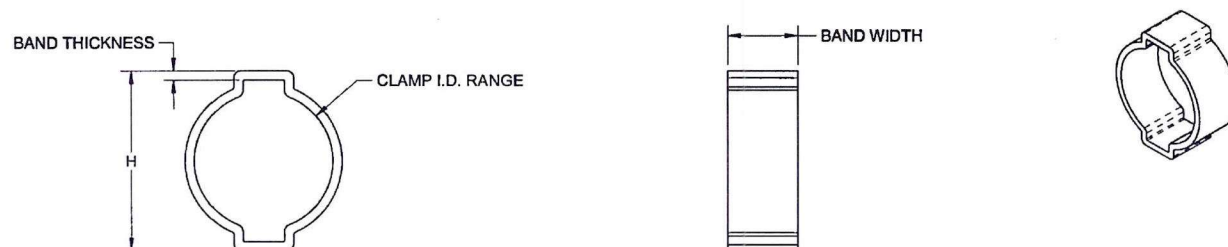
Job BOM

Part / Item	Component Name	Quantity	Operation	Container
6541K38	Ear Clamp D5529-1	25 pcs (1 ea)	100-Purchasing	5019007

Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	6541K38	25	25	0
Part Specifications				
Specifications could not be found.				

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SPECIFICATION CONTROL DRAWING



D5529-X DOUBLE EAR CLAMP

DART PN	DESCRIPTION	CLAMP I.D. RANGE (IN)	BAND WIDTH (IN)	BAND THICKNESS (IN)	H (IN)	MANUFACTURER	MANUFACTURER PN	VENDOR	VENDOR PN	MATERIAL
D5529-1	DOUBLE EAR CLAMP	31/64 - 19/32	19/64	0.039	0.77	OETIKER	15300025	MCMaster-CARR	6541K38	ZINC-PLATED STEEL

NOTES:

- 1) MATERIAL: SEE TABLE
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: N/A
- 8) CLAMPING PINNERS (OETIKER TOOL NUMBER 14100386 OR MCMaster-CARR TOOL NUMBER 6541K67 OR EQUIVALENT).

RELEASED
2017-05-16
ECN 17-511

APPROVED

A	NEW ISSUE	WK	17.03.29
REV.	DESCRIPTION	BY	DATE
DESIGN	WK	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	WK		
CHECKED	VS	DRAWING NO.	REV. A
MFG. APPR.	LL	D5529	SHEET 1 OF 1
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	CLAMP, EAR	NTS
DATE	17.03.29	COPYRIGHT © 2017 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

PO038564



Supplier: MCM001-VU
McMaster-Carr Supply Co,
P.O. Box 7690
Chicago, IL 60680-7690 USA
Phone: 330 995 5500
Fax: 330 995 9600

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO038564
PO Date: 12/5/17
Due Date: 12/7/17
Purchase Order Revision:
Revision Date:
Ship-To Contact: Lavoie, Chantal
clavoie@dartaero.com
Via: Ground
Pymt Terms: Net 30
Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1		7216K5		Male Plug color, yellow	Received	-	12/7/17	12 pcs	12 pcs	0 pcs	\$7.03/pcs	\$0.00
2		7216K6		Female Plug color, yellow	Received	-	12/7/17	12 pcs	12 pcs	0 pcs	\$12.23/pcs	\$0.00
3		91732A787		Helicoil Insert, M8 x 1.25 x 20mm receive ea	Received	-	12/7/17	20 Ea	20 Ea	0 Ea	\$0.937/Ea	\$0.00
4		8747K198		PVC Sheet, Type 1 Plastic, 4" wide x 4" long x 1" thick	Received	-	12/7/17	4 sf	4 sf	0 sf	\$21.69375/sf	\$0.00
Line Item Note 1 pcs of 48" x 48"												
5		600.0129		VHB Tape 75935A651 : 3M VHB Tape 4930 (.025" thick X .5" X 72 yd roll) receive ft	Received	-	12/7/17	216 ft	216 ft	0 ft	\$0.8057/ft	\$0.00
6		601.2045		RTV (LOCTITE 598) McMaster p/n: 6641A41	Received	-	12/7/17	8 Ea	8 Ea	0 Ea	\$14.36/Ea	\$0.00
7		6519T14		Tubing	Received	-	12/7/17	25 ft	25 ft	0 ft	\$5.20/ft	\$0.00
8		6541K38		Ear Clamp receive pcs	Received	-	12/7/17	25 Ea	25 Ea	0 Ea	\$0.38/Ea	\$0.00



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Items												
Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
9		8485T13		10 X Magnifier Glass	Received	-	12/7/17	1 Ea	1 Ea	0 Ea	\$26.29/Ea	\$0.00
10		90145A630		Pin	Received	-	12/7/17	10 pcs	10 pcs	0 pcs	\$2.652/pcs	\$0.00
11		91251A435		Socket Head Cap Screw	Received	-	12/7/17	50 Ea	50 Ea	0 Ea	\$0.1762/Ea	\$0.00
12		9368T43		High Temp Dry-Running Sleeve Bearing receive ea	Received	-	12/7/17	4 Ea	4 Ea	0 Ea	\$0.87/Ea	\$0.00
13		94125K815		Compression Spring Ø1.25mm x 11.25mm OD x 44.5mm receive ea	Received	-	12/7/17	5 Ea	5 Ea	0 Ea	\$2.466/Ea	\$0.00
14		9567K21		Polyethelene Cap receive ea	Received	-	12/7/17	100 Ea	100 Ea	0 Ea	\$0.0471/Ea	\$0.00
15		97447A010		Blind Rivet	Received	-	12/7/17	250 pcs	250 pcs	0 pcs	\$0.03092/pcs	\$0.00
16		98381A648		Dowel Pin	Received	-	12/7/17	3 Ea	3 Ea	0 Ea	\$9.22/Ea	\$0.00
17		6605K56		Hook And Loop Tie	Received	-	12/7/17	10 pcs	10 pcs	0 pcs	\$2.94/pcs	\$0.00
Line Item Note b169255												
18		6718K52		Fitting, Quick Disconnect	Received	-	12/7/17	8 pcs	8 pcs	0 pcs	\$5.64/pcs	\$0.00
Line Item Note b169256												
19		92311A564		Set Screw	Received	-	12/7/17	50 pcs	50 pcs	0 pcs	\$0.233/pcs	\$0.00
Line Item Note b169257												
20		9610K17		Grommet receive ea	Received	-	12/7/17	12 pcs	12 pcs	0 pcs	\$12.90/pcs	\$0.00
Line Item Note b169258												
21		9610K18		Grommet receive ea	Received	-	12/7/17	6 Ea	6 Ea	0 Ea	\$13.31/Ea	\$0.00
Line Item Note b169259												
22		9753K31		Cap receive ea	Received	-	12/7/17	100 Ea	100 Ea	0 Ea	\$0.0306/Ea	\$0.00
Line Item Note b169260												
23		D3373-1P		Cam Lock MCMaster P/N: p/n: 1770A51	Received	-	12/7/17	10 pcs	10 pcs	0 pcs	\$6.61/pcs	\$0.00



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PURCHASE ORDER

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Items

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
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Line Item Note b169261

Grand Total: \$0.00

Order Notes

Procurement Quality Clauses
 A005 RIGHT OF ENTRY
 A016 PERSONNEL QUALIFICATION
 A026 CERTIFICATION OF MATERIAL CONFORMANCE
 A032 DOCUMENT SPECIAL REQUIREMENTS
 A033 STATEMENT OF CONFORMITY/TEST RECORDS FOR NAS, AN and MS FASTENERS
 A040 NOTIFICATION OF QUALITY ESCAPE
 A041 QUALITY MANAGEMENT SYSTEM
 A042 DART NOTIFICATION BY SUPPLIER
 A043 RETENTION OF QUALITY DOCUMENTS

 A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM

 A049 SUPPLIER AWARENESS

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

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Packing List

200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Purchase Order
PO038564

Order Placed By
Chantal Lavoie

McMaster-Carr Number
4287699-01

Page 1 of 2

12/05/2017

Line	Product	Ordered	Shipped
1	7216K5 Hinged Straight-Blade Housing, Hinged, 3-Blade Plug, Grounded, NEMA 5-15, Yellow	12 Each	12
2	7216K6 Hinged Straight-Blade Housing, 3-Slot Socket, NEMA 5-15, Yellow	12 Each	12
3	91732A787 Stainless Steel Helical Insert, M8 x 1.25 Thread Size, 20 mm Long, Packs of 10	2 Packs	2
4	75935A651 Foam Mounting Tape, 3M VHB 4930, 1/2" Wide, 216 Feet Long, White	1 Each	1
5	6641A41 Flexible Gasket Maker Sealant, Loctite 598, 2.36 oz. Tube	8 Each	8
6	6519T14 Ultra-Chemical-Resistant Versilon PVC Tubing, 3/8" ID, 9/16" OD, 25 Feet Long	25 Feet	25
7	6541K38 Vibration-Resistant Zinc-Plated Steel Double Pinch Clamps, 31/64" to 19/32" ID, for Firm Hose and Tube, Packs of 25	1 Pack	1
8	8485T13 Incandescent-Illuminated Magnifying Glass, 10x, 1-1/4" Long x 1-3/8" Wide Lens	1 Each	1
9	90145A630 18-8 Stainless Steel Dowel Pin, 3/8" Diameter, 1-3/4" Long, Packs of 5	2 Packs	2
10	91251A435 Black-Oxide Alloy Steel Socket Head Screw, 1/4"-28 Thread Size, 3/8" Long, Fully Threaded, Packs of 50	1 Pack	1
11	9368T43 High-Temperature Dry-Running SAE 841 Bronze Sleeve Bearing for 3/16" Shaft Diameter and 5/16" Housing ID, 1/2" Long	4 Each	4
12	94125K815 Compression Springs, 44.5 mm Long, Packs of 5	1 Pack	1
13	9567K21 Rigid Plastic Push-on Round Caps for 5/8" OD, Packs of 100	1 Pack	1
14	97447A010 Aluminum Blind Rivets with Aluminum Mandrel, Domed Head, 1/8" Diameter, for 0.032"-0.062" Material Thickness, Packs of 250	1 Pack	1
15	98381A648 Dowel Pin, Alloy Steel, 3/8" Diameter, 6" Long, Packs of 1	3 Packs	3
16	6605K56 Hook and Loop Cable Ties, 24" Overall Length, Meets UL 94V2, Packs of 5	2 Packs	2
17	6718K52 303 Stainless Steel Industrial-Shape Air Hose Coupling, Plug, 1/4 Coupling Size, 1/4 NPTF Female End	8 Each	8
18	92311A564 18-8 Stainless Steel Cup-Point Set Screw, 1/4"-28 Thread, 1" Long, Packs of 50	1 Pack	1
19	9610K17 Fabric Grommet Kit with Tooth Lock Washers, Trade Size 1, for 0.12" Maximum Thickness	12 Each	12

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